

### AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0018] with the following amended paragraph:

[0018] The blood-pressure monitor features a watch component with individual sensors that measure optical and pressure waveforms, and a microcontroller that analyzes these waveforms to determine beat-to-beat blood pressure without using a constrictive cuff. A short-range wireless transmitter (using, e.g., a ~~Bluetooth™~~ Bluetooth® protocol) within the watch component sends this information to a matched receiver in the wireless interface. The wireless interface also includes a long-range wireless transmitter (e.g., a radio modem) that sends the blood-pressure information through a wireless network to the Internet-based website.

Please replace paragraph [0024] with the following amended paragraph:

[0024] Both the watch component and the wireless interface typically include a short-range wireless transmitter operating on a wireless protocol based on ~~Bluetooth™~~ Bluetooth®, part-15, or 802.11. In this case, 'part-15' refers to a conventional low-power, short-range wireless protocol, such as that used in cordless telephones. In typical embodiments, the short-range wireless transmitter sends information to the wireless interface, which is external and typically includes a short-range wireless receiver (also operating a ~~Bluetooth™~~ Bluetooth®, part-15, or 802.11 wireless protocol) and a long-range wireless transmitter. The long-range wireless transmitter transmits information over a terrestrial, satellite, or 802.11-based wireless network. Suitable networks include those operating at least one of the following protocols: CDMA, GSM, GPRS, Mobitex, DataTac, iDEN, and analogs and derivatives thereof.